



# Multifamily New Construction: This is the Way

Rebecca Hudson, EPA

Gayathri Vijayakumar, Steven Winter Associates

# Today's Agenda

Multifamily New Construction Overview

Multifamily building eligibility

Transition timeline

Program requirements

[Website](#): technical resources

In depth Q&A

[energystarhomes@energystar.gov](mailto:energystarhomes@energystar.gov)



# ENERGY STAR Residential New Construction Programs: Past

## Guidelines for new or gut rehab:

Single family homes

Low rise multifamily buildings

Some 4+5 story multifamily buildings

Certified Homes

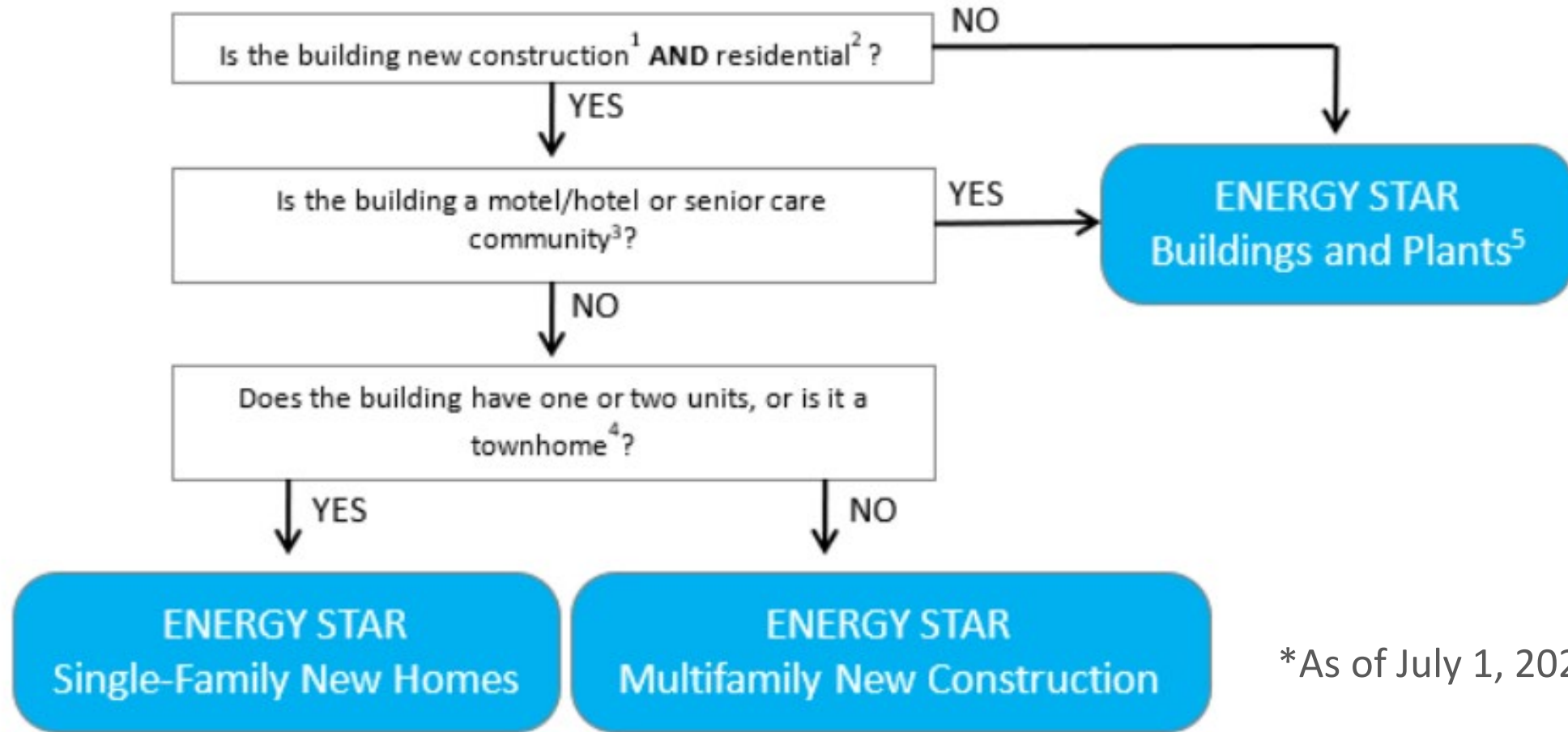


Mid and high rise multifamily buildings

MFHR



# ENERGY STAR Residential New Construction Programs\*



\*As of July 1, 2021

# ENERGY STAR Residential New Construction Programs: Present



} Single-Family New Homes



} MFHR (if Project Application Submitted prior to 1/1/2021)



} MFNC



# ENERGY STAR Residential New Construction Programs: **Future**



} Single-Family  
New  
Homes

**\*As of July 1, 2021**



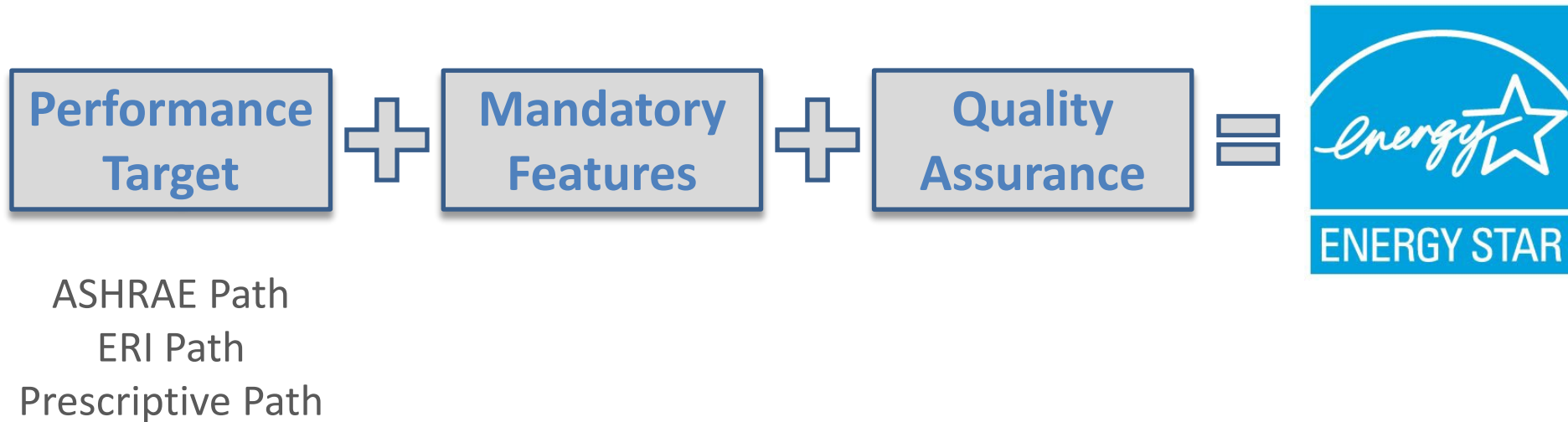
} MFNC





# MFNC Program Requirements

# MFNC Three Key Components





# Checklist Item/Prerequisite Summary

## Mandatory Features

Features  
Mandatory

- Developed by evaluating req'ts from Single-Family & MFHR and combining/adjusting as appropriate (both more and less stringent)
- Similar Checklist format as Single-Family
- Added req'ts for central HVAC & HW systems
- Added req'ts in common areas
- Added req'ts to reduce hot water energy use

# Verifiers and Oversight Organizations



- Different Oversight Organizations for different pathways
  - ERI Path:
    - Similar to Single-Family New Homes
    - [Home Certification Organization \(HCO\)](#)
    - Submitted at Final
  - ASHRAE and Prescriptive Paths:
    - Similar to MFHR
    - [Multifamily Review Organization \(MRO\)](#)
    - Submitted at Design & Final





# Multifamily New Construction Program Website Walkthrough

# ENERGY STAR Multifamily New Construction: Learn More

Website: [www.energystar.gov/mfnc](http://www.energystar.gov/mfnc)

- See program requirements for a selected certification pathway and region.
- View eligibility chart
- Other resources:
  - Webinars (live and recorded)
  - Technical Bulletins
  - Costs & Savings analysis
  - Comparisons with MFHR and ESCH

**ENERGY STAR RESIDENTIAL NEW CONSTRUCTION PROGRAM REQUIREMENTS**

SINGLE FAMILY   MULTIFAMILY   MANUFACTURED   UNDERGOING GUT REHAB

**PROGRAM VERSIONS AT A GLANCE**

STEP 1: SELECT A PATH  
 ERI and Prescriptive  
 ASHRAE / Title 24

STEP 2: Select State or Territory

Version 1 currently in effect   Version 1.1 currently in effect   Regional version currently in effect

**ELIGIBILITY**

These requirements apply to most multifamily buildings. See flow chart (PDF, 85 KB) for the specific multifamily projects that are eligible. Multifamily projects permitted prior to January 1, 2021, may continue to certify through the MFHR or Certified Homes program, based on the eligibility requirements of those programs.

**PROGRAM REQUIREMENTS**

**National Program Requirements**  
MFNC National Program Requirements Version 1/1.1/OR-WA 1.2 (PDF, 490 KB)

**Regional Program Requirements**  
MFNC California Program Requirements Version 1.2 (PDF, 387 KB)

**Mandatory Measures**  
MFNC Rater Design Review Checklist (PDF, 523 KB)  
MFNC Rater Field Checklist (PDF, 736 KB)  
MFNC HVAC Design Report (PDF, 415 KB)  
MFNC HVAC Functional Testing Checklist (PDF, 407 KB)  
MFNC Water Management System Requirements (PDF, 143 KB)

**IMPLEMENTATION TIMELINE**

To determine the program version that a multifamily building is required to be certified under, identify



# Q&A

# Recap

Multifamily building eligibility

Transition timeline

Program requirements

[MFNC website](#): technical resources

In depth Q&A

[energystarhomes@energystar.gov](mailto:energystarhomes@energystar.gov)

